

**METHOD AND STRUCTURE FOR SHORT RANGE LEAKAGE CONTROL IN
PIPELINED CIRCUITS**

ABSTRACT OF THE DISCLOSURE

5 Leakage current control devices include a circuit
having one or more functions in a data path where the
functions are executed in a sequence. Each of the
functions has power reduction logic to energize each
respective function. A leakage control circuit interacts
10 with the power reduction logic, so that the functions are
energized or deenergized in a control sequence such that
the functions where the data is resident are energized and
at least one of the other functions is not energized.